



7th International CellML Workshop

Goldie Vineyard, Waiheke Island, New Zealand

Monday 25 March

Tuesday 26 March

8:15

Ferry to Waiheke

9:00

10:30

Poul Nielsen: Welcome
Physiome model repository (Poul)
Dagmar Waltemath, Martin Scharm & Ron Henkel: BiVeS and BudHat: Version Control for Computational Models
Tommy Yu: PMR2 status report
David Nickerson: Embedded workspaces
Tommy & Ron: Demonstration

Software I (Randall Britten)
Alan Garny: OpenCOR
Chris Bradley: OpenCMISS(Iron)
Richard Christie: OpenCMISS(Zinc)

Morning tea

11:00

12:30

Virtual Eye Clinic (David Nickerson)
Jason Turuwhenua: Towards a Virtualized Optometry Clinic
Jorge Perez-Velasco: Virtual Eye Clinic for Teaching
Gavin Flower: Programmatically Generate Web Pages of Annotated Images (demonstration)

Software II (Richard Christie)
Andrew McCulloch: New Concepts and Developments for Multi-Scale Modeling with *Continuity*
Thor Besier: The Musculoskeletal Atlas Project (MAP)
Hugh Sorby: MAPClient demonstration

Lunch

13:30

15:00

Standards (Dougal Cowan)
David Nickerson: Introduction to CellML
Alan Garny: CellML
David Nickerson: SED-ML L1V2

Applications (Chris Bradley)
Harvey Ho: Visualisation of Micro-Structures in the Liver using CMGUI
David Ladd: CellML standards for multiscale models of the cardiovascular circulation
David Brooks: BioSignalML

Afternoon tea

15:30

17:00

Future Standards (Edmund Crampin)
Tim Johann: Requirements for agent based modeling
Randall Britten: FieldML status report
Andrew Miller: Constraint programming with Hindley-Milner type calculus and typeclasses - the future of declarative mathematical modelling languages?

Metadata/annotation (Peter Hunter)
Maxwell Neal: Semantics-based integration of a prototype human physiome
Bernard de Bono: RICORDO metadata management
TBA: Current state of CellML annotations

17:00

Peter Hunter: Update on the VPH/Physiome Project

Poul Nielsen & Edmund Crampin: Concluding remarks

18:15

Ferry to Auckland

19:00

Workshop Dinner

Thanks to the
generous support of:



AUCKLAND
BIOENGINEERING INSTITUTE
THE UNIVERSITY OF AUCKLAND
NEW ZEALAND
Te Whare Wānanga o Tāmaki Makaurau



MAURICE WILKINS CENTRE
FOR MOLECULAR BIOSCOVERY